## PATENT COOPERATION TREATY

## From the INTERNATIONAL BUREAU

NOTIFICATION OF TRANSMITTAL OF COPIES OF TRANSLATION OF THE INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (CHAPTER I OR CHAPTER II OF THE PATENT COOPERATION TREATY)

(PCT Rules 44bis.3(c) and 72.2)

NAKANO, Minoru c/o Sumitomo Electric Industries, Ltd. 1-3, Shimaya 1-chome, Konohana-ku Osaka-shi, Osaka 5540024 **JAPON** 

Date of mailing (day/month/year) 29 June 2006 (29.06.2006)	
Applicant's or agent's file reference 104079-WO-00	IMPORTANT NOTIFICATION
International application No. PCT/JP2004/009309	International filing date (day/month/year) 24 June 2004 (24.06.2004)
Applicant SUMITOMO ELECTRIC	C INDUSTRIES, LTD. et al

l.	Transmittal of the translation to the applicant.

The International Bureau transmits herewith a copy of the English translation of the international preliminary report on patentability (Chapter 1).

The International Bureau transmits herewith a copy of the English translation of the international preliminary report on patentability (Chapter II).

Transmittal of the copy of the translation to the designated or elected Offices.

The International Bureau notifies the applicant that copies of that translation have been transmitted to the following designated or elected Offices requiring such translation:

EP. KR

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The following designated or elected Offices, having waived the requirement for such a transmittal at this time, will receive copies of that translation from the International Bureau only upon their request:

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Reminder regarding translation into (one of) the official language(s) of the elected Office(s).

The applicant is reminded that, where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary report on patentability (Chapter II).

It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned within the applicable time limit (Rule 74.1). See Volume II of the PCT Applicant's Guide for further details.

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland

Authorized officer

Yoshiko Kuwahara

Facsimile No.+41 22 338 90 90 Facsimile No.+41 22 740 14 35

## PATENT COOPERATION TREATY

# TRANSLATION INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or a	gent's file referen	nce			<del></del>			
104079-WO-00 FOR FURT			FOR FURTHER	ACTION	See Form PCT/IPEA/416			
· · · · · · · · · · · · · · · · · · ·			1	ate (day/month/year)	Priority date (day/month/year)			
PCT/JP2004/009309 24.06.20 International Patent Classification (IPC) or national classification and					15.10.2003			
B22F1/0		•	B22F1/02,					
Applicant SUMITOR	MO ELECT	RIC INI	OUSTRIES,	LTD.				
1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.								
2. This F	REPORT consists	of a total of	4	sheets, includi	ng this cover sheet.			
3. This report is also accompanied by ANNEXES, comprising:								
a. 🖒	(sent to the	applicant and	to the International B	ureau) a total of5	sheëts, as follows:			
sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).								
. •	the di	which superse sclosure in the	ede earlier sheets, but international applica	which this Authority co tion as filed, as indicate	onsiders contain an amendment that goes beyond d in item 4 of Box No. I and the Supplemental			
ь. [	Box.	International i	Bureau only) a total of	(indicate type and numb	per of electronic carrier(s))			
	<b>-</b>		•					
			readable form only, a	as indicated in the Suppl	containing a sequence listing and/or tables lemental Box Relating to Sequence Listing (see			
4 This r	eport contains inc	lications relation	ng to the following ite	ms:				
$\boxtimes$	Box No. I	Basis of the	report					
	Box No. II	Priority						
	Box No. III	Non-establi:	shment of opinion with	h regard to novelty, inver	ntive step and industrial applicability			
	Box No. IV		y of invention					
	Box No. V		atement under Article d explanations support		relty. inventive step or industrial applicability:			
	Box No. VI	Certain docu	uments cited					
$\boxtimes$	Box No. VII	Certain defe	ects in the internationa	l application				
Box No. VIII Certain observations on the international application								
Date of submiss	ion of the deman	đ		Date of completion of this report				
Name and mailing address of the IPEA/JP				Authority J. 60				
realize and maining address of the IPEAJJP				Authorized officer				
Facsimile No				Telephone No.				

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/JP2004/009309

Box	No. I	Basis of the report							
1.		regard to the language, this report is based on the internationated under this item.	nal application in the language in	which it was filed, unless otherwise					
	This report is based on translations from the original language into the following which is the language of a translation furnished for the purposes of:  international search (Rule 12.3 and 23.1(b))  publication of the international application (Rule 12.4)  international preliminary examination (Rule 55.2 and/or 55.3)								
2.	recei	regard to the elements of the international application, this iving Office in response to an invitation under Article 14 are report):  the international application as originally filed/furnished the description:	•	•					
		pages 1,3,5-10		as originally filed/furnished					
		pages* 2,2/1,4,4/1	received by this Authority on	03.12.2004					
		pages*	received by this Authority on						
	$\boxtimes$	the claims:	•						
		nos.		as originally filed/furnished					
		nos.*	as amended (togethe	r with any statement) under Article 19					
		nos.* 1-3,5,6	received by this Authority on	03.12.2004					
		nos.*	received by this Authority on						
ľ		the drawings:							
		sheets		as originally filed/furnished					
				<del></del>					
		sheets*	received by this Authority on						
	$\Box$	a sequence listing and/or any related table/s) – see Sumplem		•					
,	$\square$	a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.							
3.		The amendments have resulted in the cancellation of:							
		the description, pages							
		the claims, nos. 4							
		the sequence listing (specify):							
١.		any table(s) related to sequence listing (specify):							
4.		This report has been established as if (some of) the amend they have been considered to go beyond the disclosure as fi							
		the description, pages							
		the claims, nos.							
		the drawings, sheets/figs							
		the sequence listing (specify):							
	any table(s) related to sequence listing (specify):								
#	If ite	em 4 applies, some or all of those sheets may be marked "sup	erseded."						

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.
PCT/JP2004/009309

Box No. V Reasoned statement under Ar citations and explanations sup						trial applicability;		
t.	Statement							
	Novelty (N)	Claims	1-3,	5,	_6	 		YES
		Claims				 <u>.</u>	<del></del>	NO
	Inventive step (IS)	Claims	1-3,	5,	6		<u></u> :	YES
		Claims			·	 	· · · · · · · · · · · · · · · · · · ·	NO
	Industrial applicability (IA)	Claims	1-3,	5,	6			YES
		Claims						NO
2.	Citations and explanations (Rule	70.7)				<u> </u>		

- Document 1: JP 7-232965 A (Institute Noie Materiarien Gemainni GmbH), 5 September 1995
- Document 2: JP 11-310804 A (H.C. Starck GmbH & Co. KG.), 9 November 1999

The inventions set forth in claims 1 to 3, 5 and 6 are not disclosed in any of the documents cited in the international search report, and would not be obvious to a person skilled in the art.

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application go. \$\frac{\sqrt{200}}{2}\display 009\frac{3}{9}\display 009\frac{3}{0}\display 009\frac{3}{9}\display 009\frac{3}{9}\display 009\frac

Box No. VII Certain defects in the international application

The following defects in the form or contents of the international application have been noted:

Claims 3 and 5 refer back to claim 6, but it is inappropriate that claims 3 and 5 appear before a claim which they refer back to.